Index to Volume 2
Authors

Adam, E., 129
Adour, K. K., 114
Armstrong, D., 307

Belal, A., Jr., 81
Benson, J., 307
Black, F. O., 361
Buchwald, R. P., 159

Carothers, A., 59
Carpenter, A. M., 210
Castell, D. O., 336
Catanzaro, A., 94
Clack, T. D., 133
Clark, S. K., 69
Cohn, A. M., 129
Coller, F. C., 163
Coulthard, S. W., 123

Davis, H., 153
Dennis, D., 43
Donaldson, J. A., 69
Donegan, J. O., 223
Drake, A., 299
Durrant, J. D., 108

El-Sawy, M., 30

Feld, R. A., 123
Ferguson, S. D., 299
Ferraro, J. A., 13
Fisch, U., 99
Fischer, J., 299

Gabriel, S., 108
Garrison, H. G., 299
Gerhardt, K. R., 13
Gerwin, J. M., 267
Gluckman, J. L., 223
Goldberg, B., 210
Goldstein, R., 74
Gould, W. J., 59
Goycoolea, M. V., 210
Graham, M. D., 133
Gussen, R., 314

Hall, J. W., III, 188
Hawkins, J. E., Jr., 284
Healy, G. B., 138
Hutchinson, J. C., Jr., 54

Imbrie, J. D., 215
Izdebski, K., 48

Jenkins, H. A., 99
Johnsson, L.-G., 284

Kidwell, S. A., 299
Kingsley, T. C., 284
Kohut, R. I., 361
Koopermann, C. F., Jr., 123
Koopmann, C. F., Jr., 228
Kos, J. T., II, 129
Krespi, Y. P., 358

Lawrence, M., 345
Lonsbury-Martin, B. L., 321

Magnuson, B., 1, 199, 277
Malaty, R., 30
Martin, G. K., 321
Mazloum, H., 30
McCoy, K. S., 228
McDonald, J. M., 36
Melnick, W., 13
Mendoza, A. M., 173
Meyer, G. W., 336
Micheales, L., 30
Milburn, W. O., 133
Møller, M. B., 22
Myer, C. M., III, 267

Neblett, C., 307
Neblett, L. M., 163
Neely, J. G., 307
Nussbaum, M., 159

Paparella, M. M., 210
Poliquin, J. F., 94
Pollak, A. M., 99
Prazma, J., 299

Robb, J., 94
Rodriguez, W. J., 19
Rouse, R. C., 284

Sataloff, R. T., 251
Schachern, P., 210
Schiff, M., 94
Schleivert, P. M., 210
Schuknecht, H. F., 173
Schuller, D. E., 62
Schulman, N. H., 59
Schwartz, R. H., 19
Sennewald, F. R., 69
Shea, D., 210
Shimizu, H., 36
Shugar, J. M. A., 358
Shumrick, D. A., 223
Smith, H. G., 138
Som, P. M., 358
Stevens, M. H., 348

Taber, L. H., 129
Tardy, M. E., Jr., 43
Taussig, L. M., 228
Tonndorf, J., 166
Toppozada, H. H., 30
Tremann, J. A., 69

Walter, M., 108
Wever, E. G., 145
Whiteley, J., 223
Wright, C. G., 284

Yakout, Y., 30
Ylikoski, J., 81

Zwislocki, J. J., 240

Index to Volume 2
Subjects

Achalasia, evaluation and treatment of, 336
Acinic cell carcinoma, see under Carcinoma(s)
Acoustic reflex, noise exposure effects in chinchillas with severed middle ear muscles, 13
Acoustic stimulus(i), moderately intense, temporary hearing loss from exposure to in Rhesus monkeys, 321
Adenocarcinoma(s), acinic cell carcinoma of minor salivary gland origin, 54
Afterimage, photographic ocular torsionometry compared with, 133
Age factor(s), elderly population, hearing in, cross-sectional and longitudinal population study, 22
Albumin, middle ear–inner ear interface permeability for, 210
Aminoglycoside(s), antibiotics, ototoxicity alteration by hyper- and hypohydration, 299
Amphibian(s), evolution of vertebrate ear related to, 145
Anatomy, of singers, 251
  of stylohyoid ligament, 358
Anomaly(ies), congenital, deafness with hydrops and calcium phosphate deposits, 284
  Kartagener's syndrome, 215
Antibiotic(s), aminoglycoside, ototoxicity alteration by hyper- and hypohydration, 299
Anticoagulant(s), heparin therapy followed by priapism, 69
Antigen(s), see Immune response(s)
Apnea(s), sleep-related, 228
Artery(ies), polyarteritis nodosa as cause of sudden deafness, 99
Aspergillosis, of paranasal sinuses, 348
Audiometry, electroencephalic (editorial), 74
  frequency specificity of auditory brain stem response, 36
  psychophysical tuning functions for brief stimuli, 108
Auditory brain stem response, frequency specificity of, 36
Auditory function test(s) in spastic dysphonia, results of, 188

Bacteriology, *Hemophilus influenzae*, role in otitis media in children, 19
Blastomycosis, intranasal, 267
Bone(s), hyoid, in stylohyoid syndromes, 358
  temporal, calcium phosphate deposits with hereditary deafness, 284
  temporal, morphology after labyrinthectomy, 81
  temporal, pathology after stapedectomy, 173
  temporal, polyarteritis nodosa as cause of sudden deafness, 99
  temporal, rubella alterations of, 314
  temporal, stapedectomy pathologic effects on, 173
Brain stem evoked response(s), auditory, frequency specificity of, 36
  psychophysical tuning functions for brief stimuli, 108
Breathing disorder(s), sleep-related, 228

Calcium phosphate deposits, anomalous, with hereditary deafness, 284
Carcinoma(s), acinic cell, of minor salivary gland origin, 54
Cartilage, cricoid, injury and antibiotic effects on in cricothyroidectomy, 123
Cell(s), hair, aminoglycoside antibiotic effects on, hydration alterations of, 299
  hair, tectorial membrane complex with, morphology, 345
  Schwann, "onion bulb" formation, 307
Cervical skin flap(s), in head and neck reconstruction, 62
Child(ren), otitis media with effusion in, management of, 138
  otitis media in, *Hemophilus influenzae* role in, 19
Cholesteatoma(s), negative pressure in middle ear related to, 1
Cilium(a), hereditary abnormalities of in Kartagener's syndrome, 215
  nasal, in Kartagener's syndrome, 215
Click(s), see Stimulus(i)
Cochlea, acoustic reflex protection of in prolonged noise exposure, 13
  filter, "second," 153
  hydrops with anomalous calcium phosphate deposits in hereditary deafness, 284
  microphonics, aminoglycoside antibiotic ototoxicity, hydration alterations of, 299
  microphonics, noise exposure effects in chinchillas with severed middle ear muscles, 13
  models of, 240
  nerve, "onion bulb" with neoplasm of eighth nerve sheath, 307
  pathologic study of damage following stapedectomy, 173
  "second filter," 153
  stapedectomy followed by damage to, 173
Condyloma(s), acuminate, laryngeal papilloma in children of mothers with, 129
Congenital anomaly(ies), see under Anomaly(ies)
Cranial polyneuritis, temporomandibular joint pain-dysfunction syndrome related to, 114
Cricoid cartilage, antibiotic effect in cricothyroidectomy, 123
  injury of, effect in cricothyroidectomy, 123

Cricothyroidectomy, cartilage injury and antibiotic effects in, 123
Cupula(e), calcium phosphate deposits in hereditary deafness, 284
Cystic hygroma, adult, 159

Deafness, see also Hearing loss(es)
  hereditary, with hydrops and anomalous calcium phosphate deposits, 284
  polyarteritis nodosa as cause of sudden, 99
  rubella-induced, middle and inner ear changes in, 314
Diverticulum(a), eosphageal, evaluation and treatment of, 336
Drug(s), for vocal dysfunction, 251
Dysphagia, evaluation and treatment of, 336
Dysphonia, spastic, central auditory function in, 188

Ear(s), evolution of, amphibian role in, 145
  external, anatomy of normal and abnormal, 43
  external, otoplasty in management of abnormalities, 43
  inner, see Inner ear
  middle, see Middle ear
  vertebrate, evolution of, role of amphibians in, 145
Eardrum(s), tympanic membrane, adaptive immunity of, 94
Ectasia(s), venous, parotid, 59
Effusion, otitis media with, management of, 138
Elderly population, see under Age factor(s)
Electroencephalic audiometry (editorial), 74
Electromyography, temporomandibular joint pain–dysfunction syndrome investigated by, 114
Epidemiology, laryngeal papillomas in children of mothers with acuminate condylomas, 129
Equipment, recording, sound, for laryngology, 48
Esophagitis, reflux, evaluation and treatment of, 336
Esophagus, evaluation and management of diseases of, 336
Eustachian tube, closing failure in middle ear disease, 199
  closing failure in middle ear disease recurring after tympanoplasty, 277
  in middle ear disease, opening and closing ability of, 199
  middle ear, origin of high negative pressure in, 1
  opening and closing ability in middle ear disease, 199
  structure in relation to origin of high negative pressure in middle ear, 1
Evolution, ear, vertebrate, amphibian role in, 145

Fibrous histiocytoma(s), malignant, of larynx, 163
Filter(s), cochlear, "second," 153
Flap(s), myocutaneous, cervical, 62
  myocutaneous, pectoralis major, harvesting of, 223
  skin, cervical, in head and neck reconstruction, 62
Fluid intake, see Hydration
Frequency specificity of auditory brain stem response, 36
Fungus(i), *Blastomyces dermatitidis*, intranasal infection by, 267
  infections, primary, or paranasal sinuses, 348

Genetic defect(s), see Anomaly(ies), congenital
Gentamicin, ototoxicity of, hydration effects on, 299
Geriatrics, population study of hearing in 70-year-olds, 22
Guinea pig(s), tympanic membrane of, adaptive immunity of, 94

Hair cell, see under Cell(s)
Hearing, in elderly people, cross-sectional and longitudinal study, 22
  loss(es), see also Deafness
  loss(es), stapedectomy followed by, 173
  loss(es), temporary, from exposure to moderately intense tones, 321
  threshold shifts, temporary, from exposure to moderately intense tones, 321
Hemophilus influenzae, otitis media in children, relation to, 19
Heparin, priapism following use for sudden deafness, 69
Hereditary defect(s), see Anomaly(ies), congenital
Histiocytoma(s), malignant fibrous of larynx, 163
Hormone(s), vocal problems related to in professional singers, 251
Hydration, aminoglycoside antibiotic ototoxicity affected by alterations of, 299
  water deprivation, aminoglycoside antibiotic ototoxicity alteration by, 299
Hydrops, endolymphatic, pathophysiologic association of otitis media with, 210
  hereditary deafness with, 284
Hygroma(s), cystic, adult, 159
Hyoid bone, see under Bone(s)
Hyperhydration, aminoglycoside antibiotic ototoxicity altered by, 299
Hypohydration, aminoglycoside antibiotic ototoxicity altered by, 299

Immotile cilia syndrome, Kartagener's syndrome with, 215
Immune response(s), skin window test in evaluation of in rhinoscleroma, 30
  tympanic membrane, adaptive immunity of, 94
Immunodeficiency disease(s), rhinoscleroma, skin window test in, 30
Infection(s), fungal, primary, of paranasal sinuses, 348
Inner ear, rubella alterations of, 314
Intranasal blastomycosis, see under Blastomycosis

Joint(s), temporomandibular, pain–dysfunction syndrome, acute, 114

Kartagener's syndrome, pathogenesis and treatment of, 215
Kidney(s), function, aminoglycoside antibiotic ototoxicity, hydration alterations of, 299
Klebsiella, in skin window test in rhinoscleroma, 30

Labyrinth, calcium phosphate deposits in with hereditary deafness and hydrops, 284
  morphology after labyrinthectomy, 81
Labyrinthectomy, vestibular nerve morphology after, 81

Laryngology, magnetic sound recording in, 48
Larynx, malignant fibrous histiocytoma of, 163
papilloma, recurring, in children of mothers with acuminate condylomas, 129

Macromolecule(s), middle ear–inner ear interface permeability for, 210
Magnetic sound recording in laryngology, 48
Malignant histiocytoma, see under Histiocytoma(s)
Membrane(s), models of, 240
tectorial, hair cell complex with, morphology of, 345
tympanic, adaptive immunity of, 94
Microdissection(s), surface preparations with in temporal bone investigation, 284
Microphone(s), for sound recording in laryngology, 48
Microphonics, cochlear, see under Cochlea
Middle ear, cochlea, and Tonndorf's research, 240
eustachian tube closing failure associated with tympanoplasty and recurrent disease, 277
eustachian tube opening and closing ability during unilateral disease of, 199
inner ear interface with, permeability for macromolecules, 210
muscle contraction decay after prolonged noise exposure, 13
negative pressure, high, origin of, 1
rubella alterations of, 314
sniff-induced high negative pressure in with disease, 199
sniff-induced high negative pressure in with tympanoplasty and recurrent disease, 277
Mineralization, calcium phosphate deposits in hereditary deafness, 284
Model(s), cochlear, 240
Morphology, organ of Corti, hair cell–tectorial membrane complex, 345
Mucormycosis, of paranasal sinuses, 348
Mycosis(es), blastomycosis, intranasal, 267
mucormycosis of paranasal sinuses, 348
Myelination of nerve fibers, possible association with retrocochlear dysfunction, 307
Myocutaneous flap(s), see under Flap(s)
Myofascial pain–dysfunction syndrome, acute, 114

Nasal vault, blastomycosis in, 267
National Committee for Research in Neurological and Communicative Disorders (editorial), 361
Negative pressure, see under Pressure
Neoplasm(s), esophageal, evaluation and management of, 336
of nerve sheath, "onion bulb" with, 307
Nerve(s), action potentials, aminoglycoside antibiotic effects on hydration alterations of, 299
cranial, temporomandibular joint pain–dysfunction syndrome related to polyneuritis, 114
myelination of fibers, possible association with retrocochlear dysfunction, 307
neoplasm of sheath of cranial "onion bulb" with, 307
vestibular, morphology after labyrinthectomy, 81
Neuroma(s), formation in vestibule after labyrinthectomy, 81
Neuropathy(ies), hypertrophic, "onion bulb" with neoplasm of eighth nerve sheath, 307
Noise, prolonged exposure effects in chinchillas with severed middle ear muscles, 13

Ocular torsionometry, photographic, comparison with afterimage, 133
"Onion bulb" formation with neoplasm of eighth nerve sheath, 307
Organ of Corti, aminoglycoside antibiotic effects on, hydration alterations of, 299
hair cell–tectorial membrane complex, 345
Otitis media, acute, in children, *Hemophilus influenzae* role in, 19
effusion with in children, management of, 138
macromolecular passage from middle to inner ear in, 210
Otoplasty, survey of, 43
Ototoxicity(ies), of aminoglycoside antibiotics, hydration effects on, 299

Papilloma(s), laryngeal, recurring, in children of mothers with acuminate condylomas, 129
Paranasal sinus, see under Sinus(es)
Parotid venous ectasia, 59
Pathology, cochlear damage following stapedectomy, 173
Pectoralis major myocutaneous flap, harvesting of, 223
Pediatrics, otitis media, *Hemophilus influenzae* role in, 19
otitis media with effusion, management of, 138
Permeability(ies), middle ear–inner ear interface for macromolecules, 210
Photographic ocular torsionometry, afterimage compared with, 133
Physiology, sleep-related breathing disorders, 228
Pip(s), see Stimulus(i)
Polyarteritis nodosa, deafness, sudden, caused by, 99
Polyneuritis(itides), temporomandibular joint pain-dysfunction related to, 114
Population study, hearing in 70- and 75-year-old people, cross-sectional and longitudinal survey, 22
Pressure(s), negative, high, in middle ear, origin of, 1
negative, sniff-induced, in middle ear disease, 199
negative, sniff-induced in middle ear space after tympanoplasty, 277
Priapism, heparin therapy for sudden deafness followed by, 69
Psychophysical tuning functions for brief stimuli, 108
Pure tone thresholds, in elderly people, cross-sectional and longitudinal study, 22

Reconstruction, see Surgery, reconstructive
Recording, sound, in otolaryngology, 48
Reviewing manuscripts submitted, need for (editorial), 168
Renal, see Kidney(s)
Reptilian ear, evolutionary association of vertebrate ear with, 145
Respiration, sleep-related disorders of, 228
Reviewing manuscripts submitted, need for (editorial), 168
Rhinoscleroma(s), skin window test in evaluation of immunity, 30
Rubella, middle and inner ear changes in, 314

Salivary gland(s), acinic cell carcinoma originating in, 54
Scarpa's ganglion, morphology after labyrinthectomy, 81
Schwann cell, see under Cell(s)
Singer(s), professional, clinical care of, 251
Singing, voice and health problems related to, 251
Sinus(es), paranasal, fungal infections of, primary, 348
Skin flap(s), see under Flap(s)
Skin window test, in rhinoscleroma, immunity evaluated by, 30
Sleep, breathing disorders related to, 228
  physiology of breathing disorders in, 228
Sniffing, negative pressure induction by in middle ear disease, 199
  negative pressure induction by in middle ear space after tympanoplasty, 277
Sound(s), see also under Stimulus(i)
  moderately loud, causing temporary hearing loss, 321
  recording, magnetic, in laryngology, 48
Spastic dysphonia, central auditory function in, 188
Speech discrimination, in elderly people, cross-sectional and longitudinal study, 22
Stapedectomy, cochlear damage following, 173
Stenosis, subglottic, cricoid cartilage injury and antibiotic effects in cricothyroidectomy, 123
Stimulus(i), acoustic, moderately intense, temporary hearing loss from exposure to in Rhesus monkeys, 321
  frequency specificity of auditory brain stem response, 36
  psychophysical tuning functions for brief, 108
Stylohyoid ligament, anatomy of, 358
Stylohyoid syndrome(s), pharyngeal and neck pain from, 358
Styloid process syndrome, pharyngeal and neck pain from, 358
Surface preparation(s), microdissection with in temporal bone investigation, 284
Surgery, otoplasty techniques, 43
  reconstructive, cervical skin flaps in, 62
  reconstructive, pectoralis major myocutaneous flaps in, 223

Tape recorder(s), magnetic, for sound recording in laryngology, 48
Temporal bone, see under Bone(s)
Temporary threshold shift, see under Threshold(s), shifts
Temporomandibular joint, see under Joint(s)
Test(s), auditory function, in spastic dysphonia, results of, 188
  eustachian tube function, in assessment of middle ear disease, 199
Threshold(s), pure tones, in elderly people, cross-sectional and longitudinal study, 22
  shifts, temporary, from exposure to moderately intense tones, 321
Tobramycin, ototoxicity of, hydration effects on, 299
Tone(s), see also under Stimulus(i)
  moderately intense, temporary hearing loss from exposure to, 321
Tonndorf, J., research of, 240
Torsionometry, ocular, photographic, comparison with afterimage, 133
Toxicity(ies), of aminoglycoside antibiotics, hydration effects on, 299
Trauma, tympanic membrane adaptive immunity response to, 94
Tuning function(s), psychophysical, for brief stimuli, 108
Tympanic membrane, adaptive immunity of, 94
Tympanoplasty, recurrent disease associated with, 277

Ultrastructure, vestibular nerve after labyrinthectomy, 81
Urban, Jack C., obituary, 368

Vasculitis(itides), polyarteritis nodosa as cause of sudden deafness, 99
Vein(s), ectasia, parotid, 59
Ventilation, sleep-related disorders of, 228
Vestibular nerve, see under Nerve(s)
Voice, management of, in clinical care of singers, 251
Vomiting, esophageal disease causing, 336

Water deprivation, see under Hydration

Xanthoma(s), malignant fibrous histiocytoma of larynx, 163